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DESCRIPTORS: \*Oils, Deposits, Motion, Liquids,  
Porous materials, Partial differential equations,  
\*Economic geology, Model tests, \*Hydraulic research.

In the present work equations of continuity of liquid  
motion in communicating layers of uniform thickness  
and permeability, are derived, on the basis of this de-  
rivation, jointly producing layers can be modeled as a  
single summary or "equivalent" layer with appropriate  
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